

EFFICIENT SERVICE REGISTRATION FOR LEGACY
APPLICATIONS IN A BLUETOOTH ENVIRONMENT

ABSTRACT OF THE INVENTION

5 A method and device for providing a service record for an application
(e.g., a legacy application) running on a virtual serial port of a wireless
transceiver device, such as a Bluetooth-enabled device. The virtual serial port
emulates a serial connection (e.g., a serial cable) for the application. The virtual
serial port for the application is opened by a virtual serial port driver. In
10 accordance with the present embodiment of the present invention, the virtual
serial port driver also provides the service name of the application. The virtual
serial port driver can derive the service name from the name of the application,
or the virtual serial port driver can use a default name. Thus, the virtual serial
port driver performs the additional function of automatically providing a service
15 name for a application, thereby introducing a standard, efficient and user-
friendly approach for providing a readily-identifiable service name for a legacy
application.